

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Young et al.	)	Before the Examiner: Jerry L. Cumberledge
Toung et al.	)	Jerry L. Cumberledge
Application Serial No.: 10/695,068	) )	Group Art Unit: 3733
Filed: October 28, 2003	. )	Ref. No.: MSDI-1006/PC767.03
MULTI-AXIAL, CROSS-LINK	)	
CONNECTOR SYSTEM FOR SPINAL	)	
IMPLANTS	)	

## <u>DECLARATION OF PRIOR INVENTION IN THE UNITED STATES</u> TO OVERCOME CITED PATENT OR PUBLICATION (37 C.F.R. §1.131)

We, J. Stewart Young, Tommy Carls and Chris Johnson, hereby declare as follows:

- 1. We are each listed as a joint inventor of the subject matter disclosed and claimed in the subject patent application (hereafter the "Invention").
- 2. This Declaration is being provided to establish a date of conception and reduction to practice of the Invention in the United States on a date prior to May 9, 2002, which is the purported effective filing date of U.S. Patent No. 6,699,248 to Jackson. Jackson was cited in a non-final Office Action mailed to the Applicants on June 26, 2008 in the subject patent application.
- 3. On a date prior to May 9, 2002, the Invention was conceived of by the joint inventors.
- 4. On a date prior to May 9, 2002, the Invention was successfully reduced to practice in the United States.
- 5. To evidence conception and reduction to practice of the Invention, attached hereto is an Invention Disclosure that includes drawings and a description of the Invention which correspond to the subject matter disclosed and claimed in the subject patent application. The dates listed on the Invention Disclosure have been blacked out, as well as dimensional data associated with the Invention. However, we declare that the "Date Conceived" and the "Date Constructed" listed on the Invention Disclosure occurred prior to May 9, 2002.

- 6. On a date prior to May 9, 2002 and shortly after the Invention was reduced to practice, the Invention was tested in the United States.
- 7. We declare that the "Date First Tested" listed on the Invention Disclosure occurred prior to May 9, 2002.
- 8. Shortly after construction and testing of the Invention, the Invention Disclosure was forwarded to the law firm of Woodard, Emhardt, Naughton, Moriarity & McNett for preparation of a patent application.
- 9. U.S. Provisional Patent Application No. 60/421,701 disclosing the Invention set forth in the Invention Disclosure was filed on October 28, 2002. The subject patent application disclosing and claiming the Invention set forth in the Invention Disclosure was filed with the U.S. Patent and Trademark Office on October 28, 2003 and claims priority to U.S. Provisional Patent Application No. 60/421,701.
- 10. The undersigned, being hereby warned that willful false statements and the like are punishable by a fine or imprisonment, or both (18 U.S.C. §1001), and may jeopardize the validity of the application or any patent issuing thereon, declares that all statements made of her own knowledge are true and that all statements made on information and belief are believed to be true.

WITNESS Declarant's hand this	day of November, 2008.	
	J. Stewart Zoung	
WITNESS Declarant's hand this	day of November, 2008.	
	Torony Carls	
WITNESS Declarant's hand this	6 day of January, 2008.	
	Chris Johnson	

## Medironic Medironic

Disclosure No.

| Sheet 1 of \_\_8\_\_\_

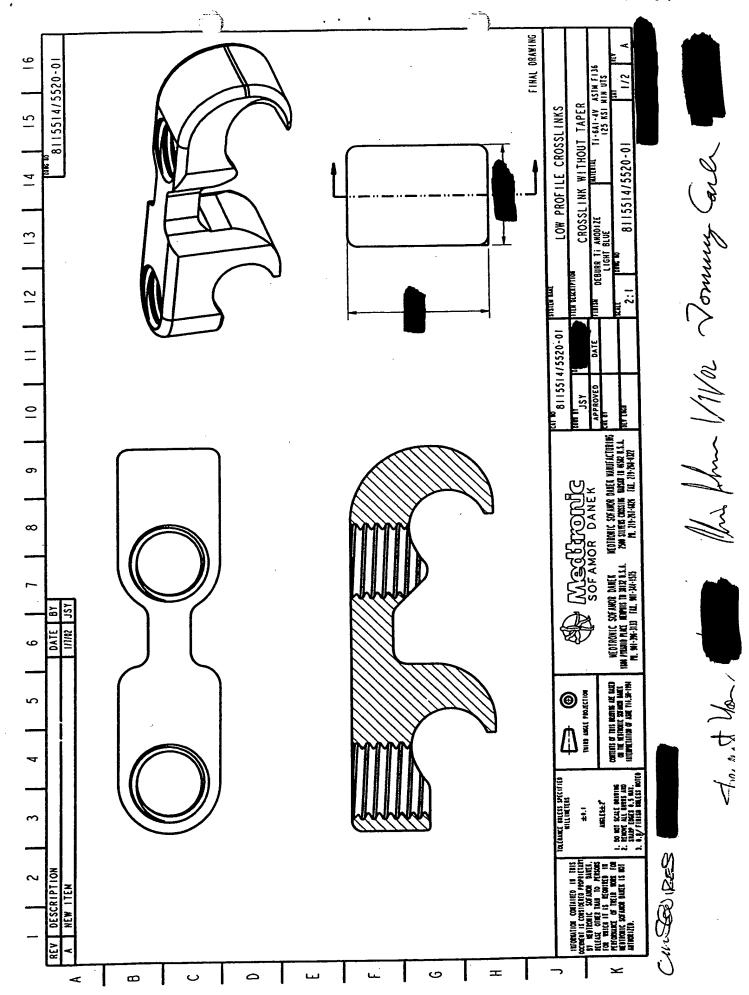
PC695.W

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SOFAMOR DAI	NEK				
Title of Invention Optimized Rod Interconne	ection for spinal implants		Project No. or Name Low Profile CROSSLINKS		
			Fng Not	ebook No. & Pages	
Inventor(s) Tommy Carls, Chris John	son, Stewart Young		Liig. Not	obcok i iç. a i agco	
Date Conceived	Date Constructed	Date First Tested	Date Disclose	ed Outside Company	
<ol> <li>Describe what is new or different about the subject matter of this invention: The taper on the outside of the connector allows for increased bone graft at the fusion site. Also, the curve in the rod saddle allow the connector to meet the rod at angles other than 90 degrees. Though shown on a Low Profile Crosslink, these features could possibly be used on other types of implant as well (hooks, screws, etc.).</li> </ol>					
two additions to an ir	vention over what was do nplant design, and could l of metal below the axis of	be implemented separate	ely of together.	riisi, iile lapei, by	

graft. Several papers are out or will be coming out soon pointing at transverse connectors as a source of pseudoarthrosis due to the notch in the graft bed, and this helps address that issue. Next, the curve in the back of the rod saddle allows for an rod/implant interconnection at an angle other than 90 degrees, reducing contouring and speeding up implantation.

 Describe your idea on attached sheets, providing whatever drawings or other sketches are necessary to completely describe the idea. Copies of engineering notebook sheets may be provided. All addendum sheets must be signed, witnessed and dated.

Silects must be digital, managed and	
Inventor (Print/Type) Tommy Carls	Witness (Print/Type) Barry NUII
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Inventor Chris Johnson	Witness (Print/Type) Craig Squires
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Citizenship: USA	Signature Approval President, Technology Development
Signature Date	riesident, rediniciegy 25. dispute
Inventor	
Address:	Signature Approval
Citizenship:	
Signature Date	President, Thoracolumbar



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